

FIGURE 1

Survival Curves in Septic Rats

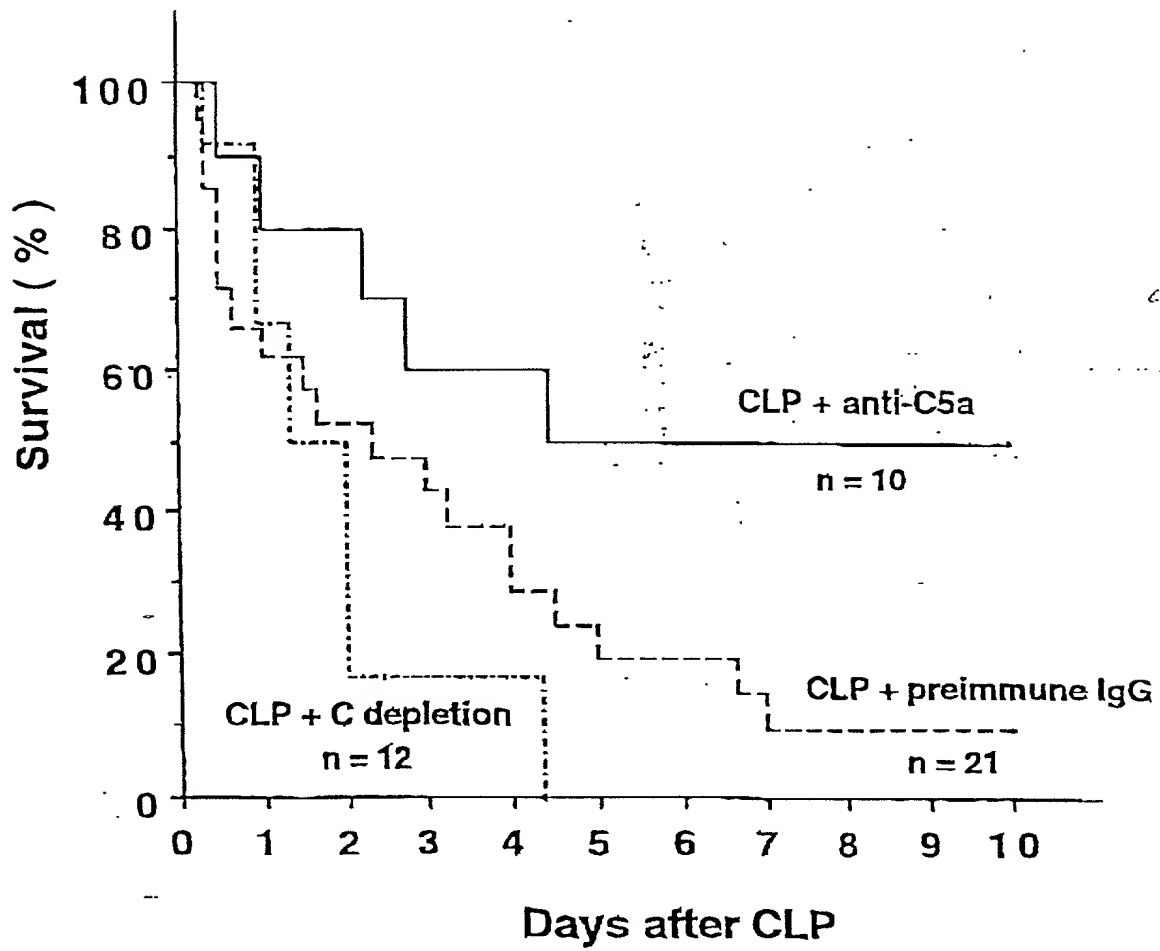


FIGURE 2

Anti-C5a Reduces Bacteria in Blood
36 hours after CLP

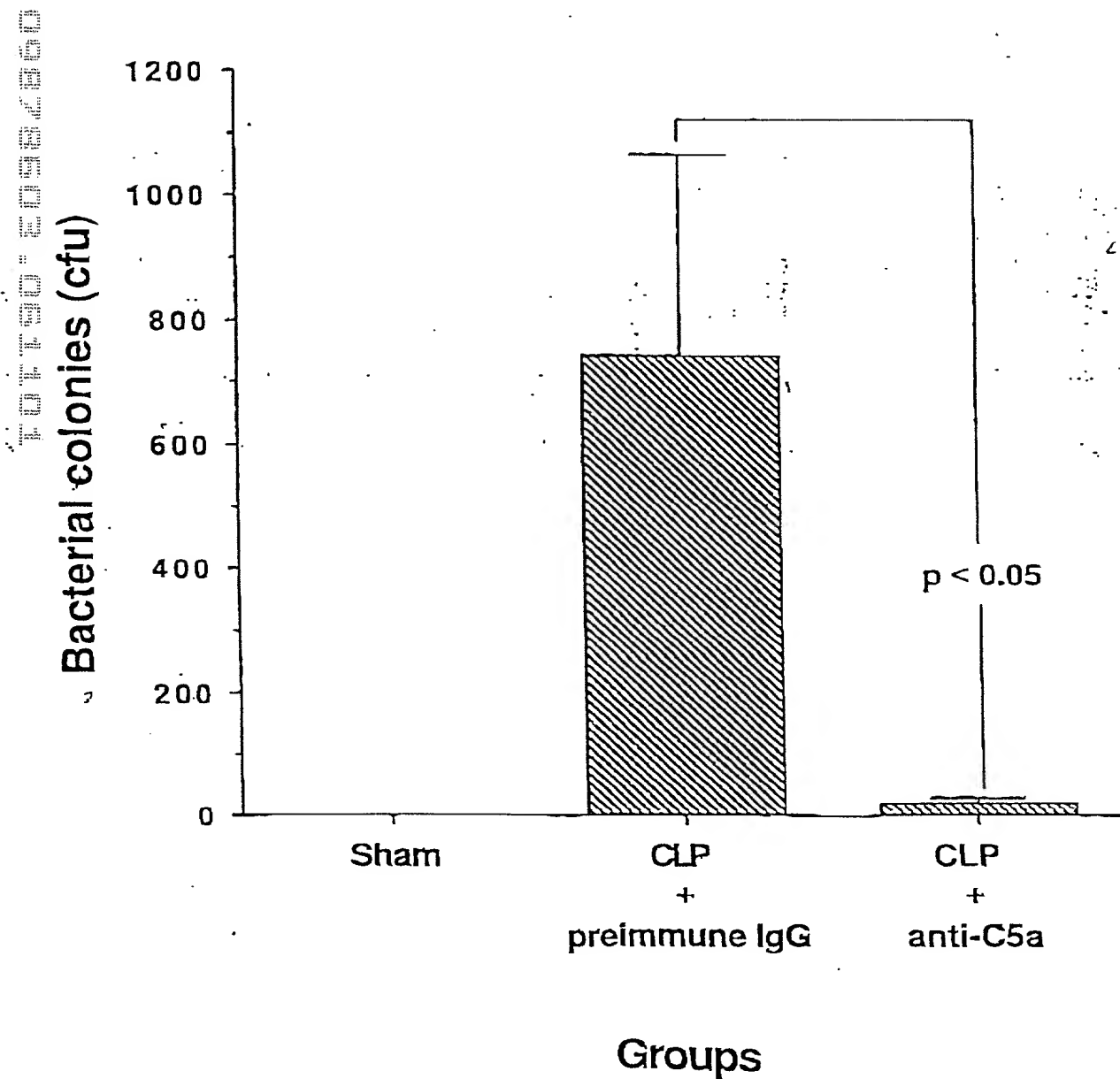


FIGURE 3

Effect of Anti-C5a on Bacterial Counts
in Septic Rats at 36 hrs

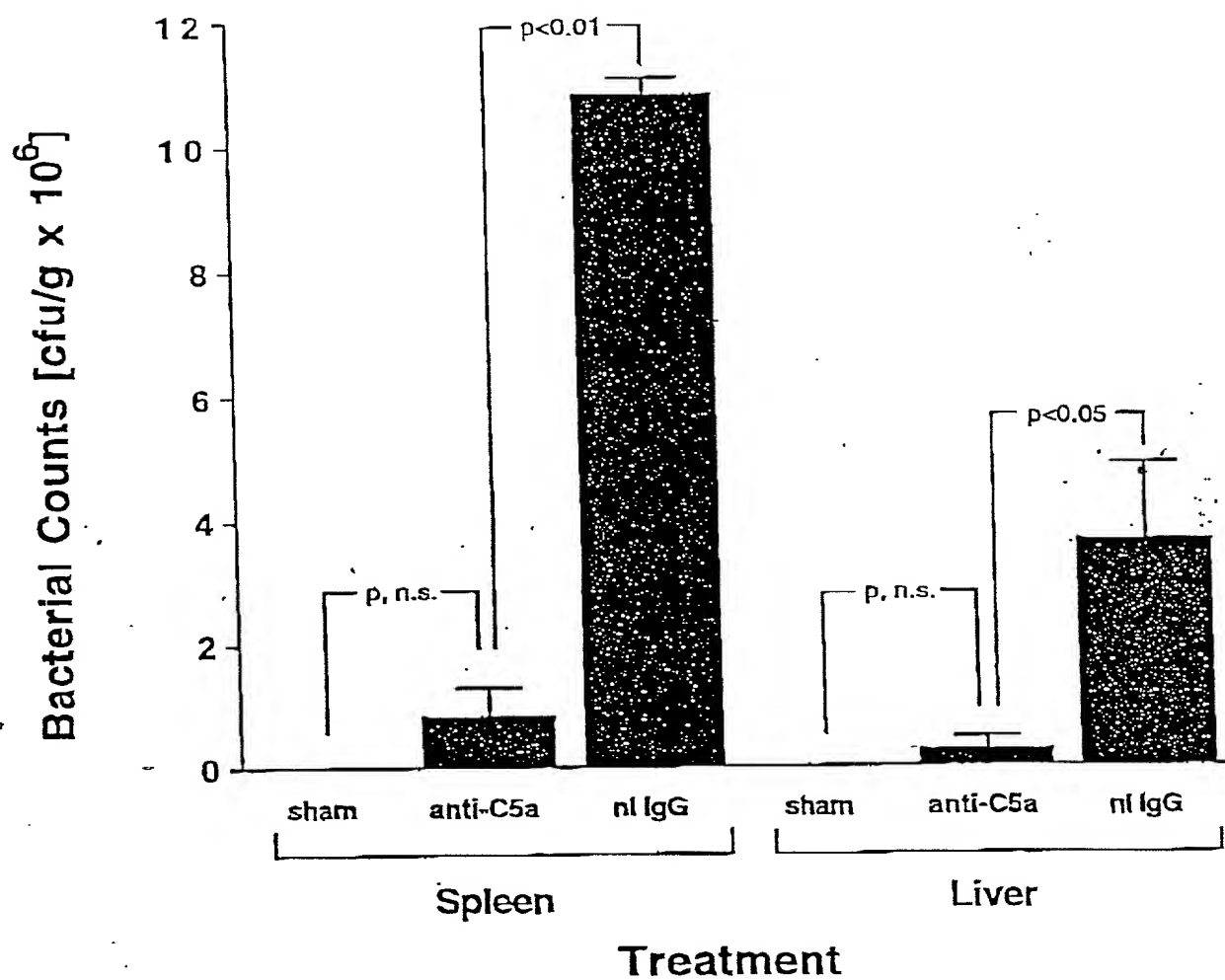


FIGURE 4

H₂O₂ Release from Blood Neutrophils

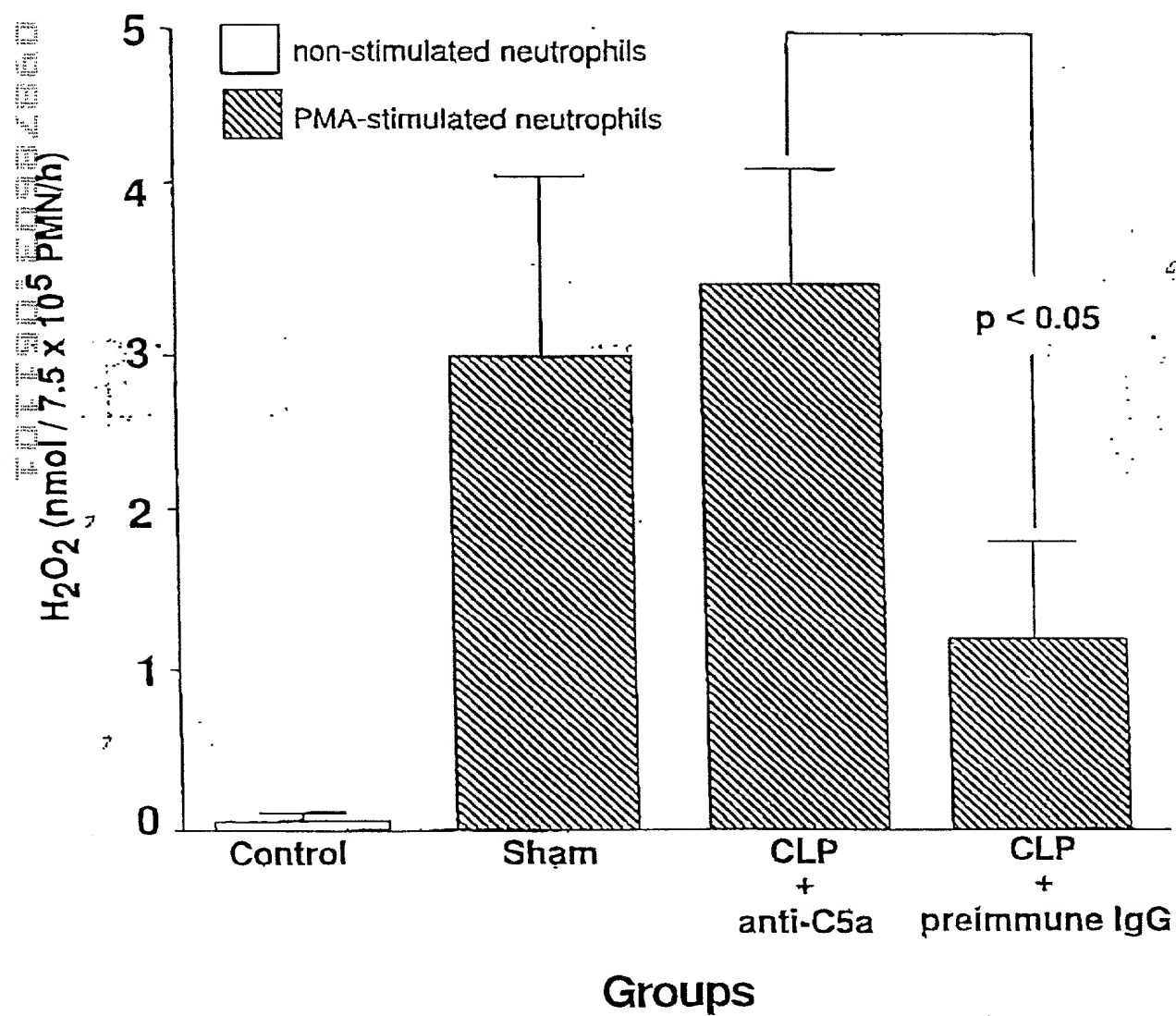


FIGURE 5

Synthetic Peptides reduce huC5a-induced Chemotaxis

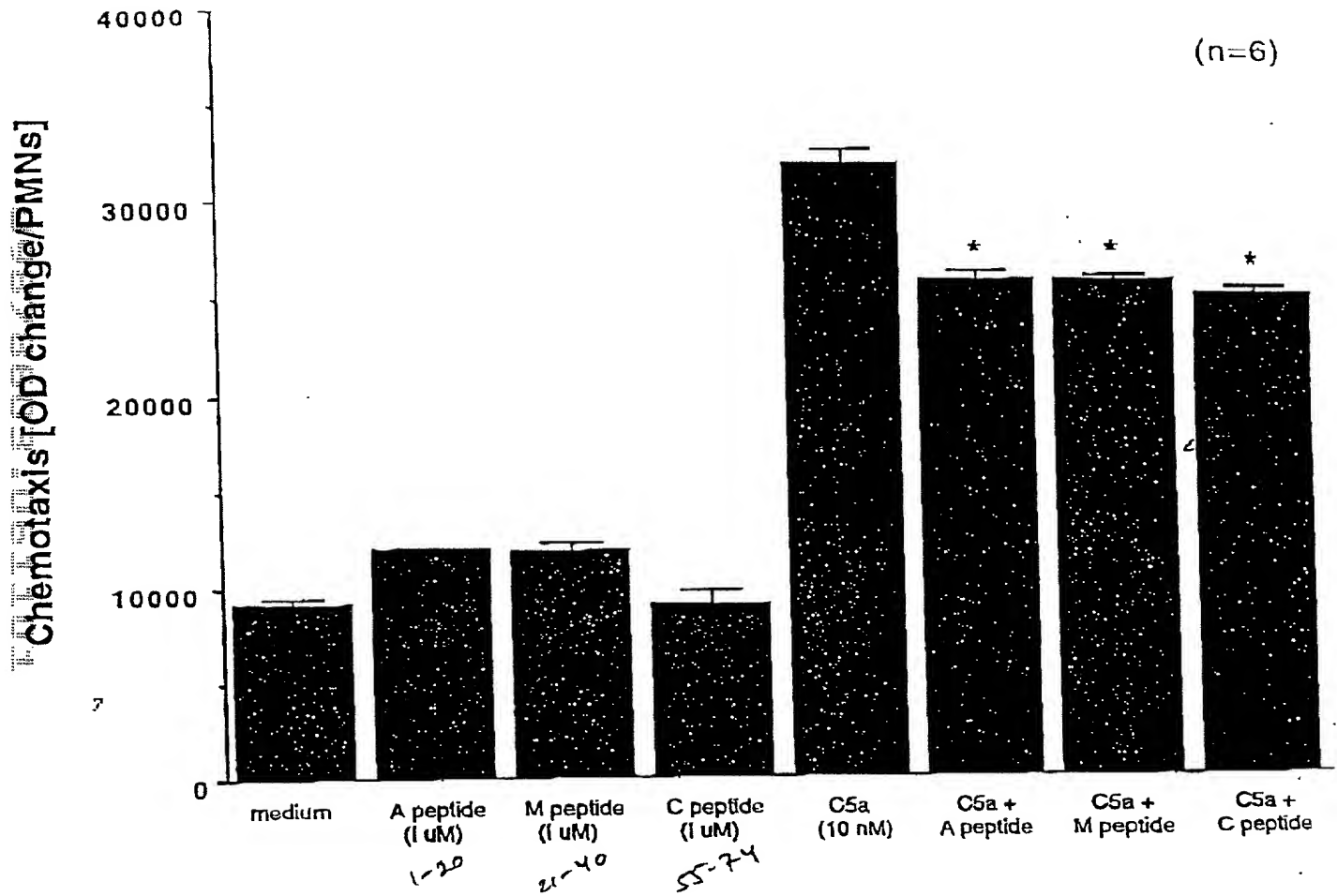


FIGURE 6

Chemotactic Activity of KLH-linked synthetic peptides
of huC5a

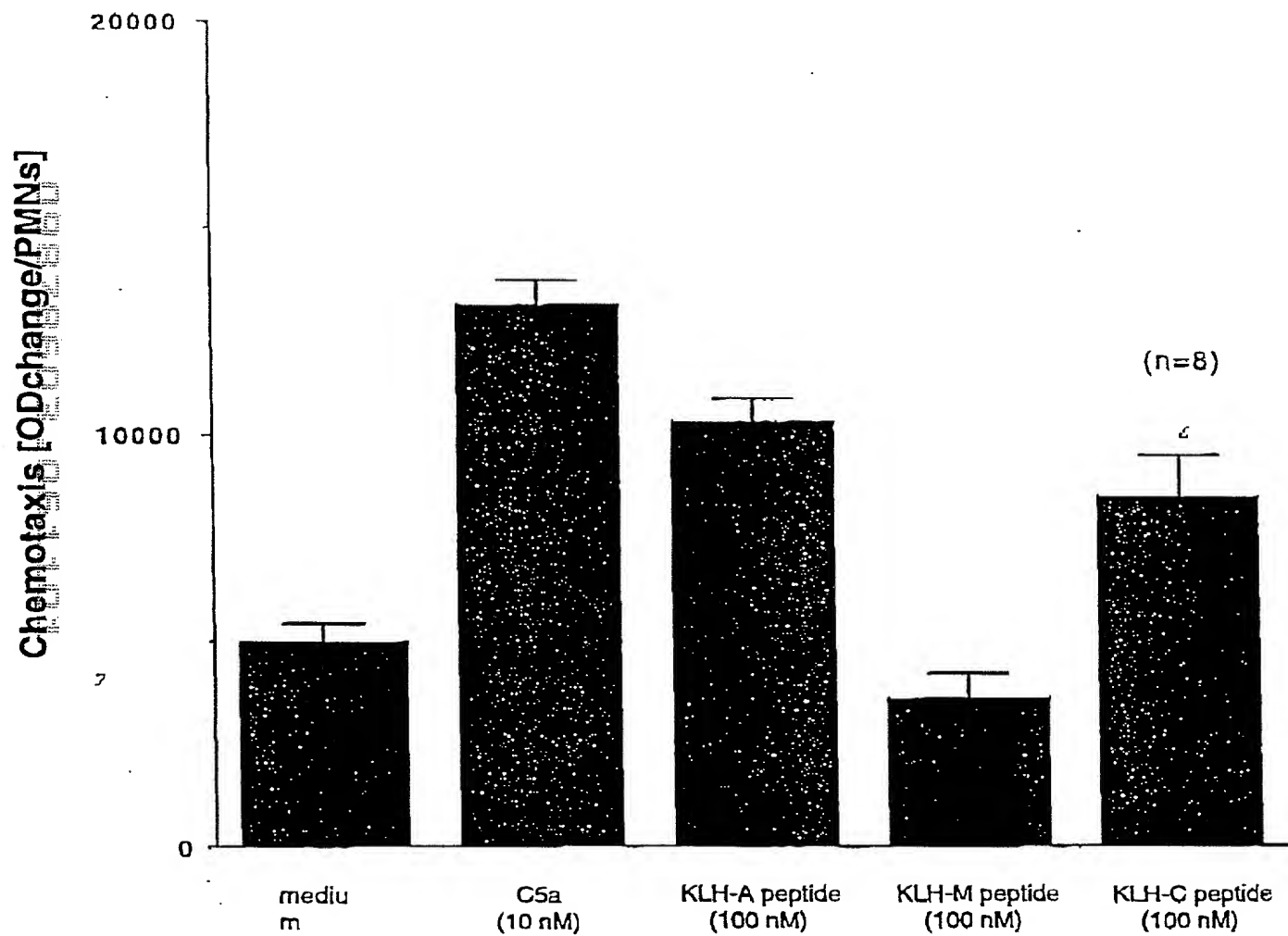


FIGURE 7

Western Blots Using Anti-C5a

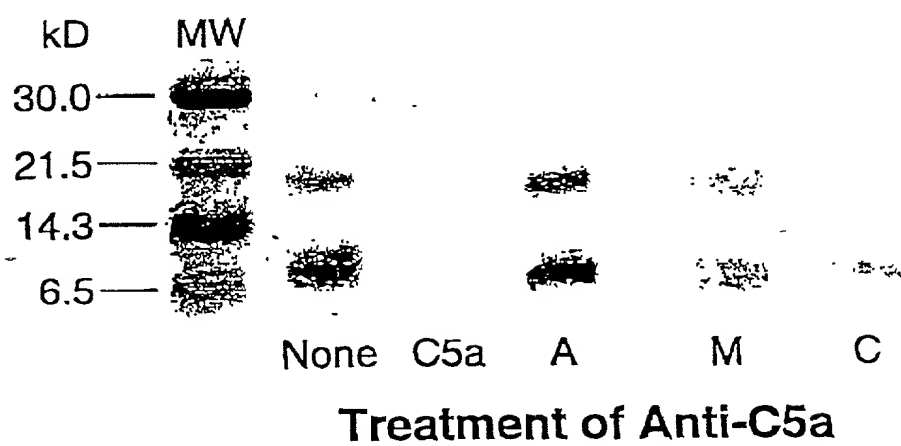
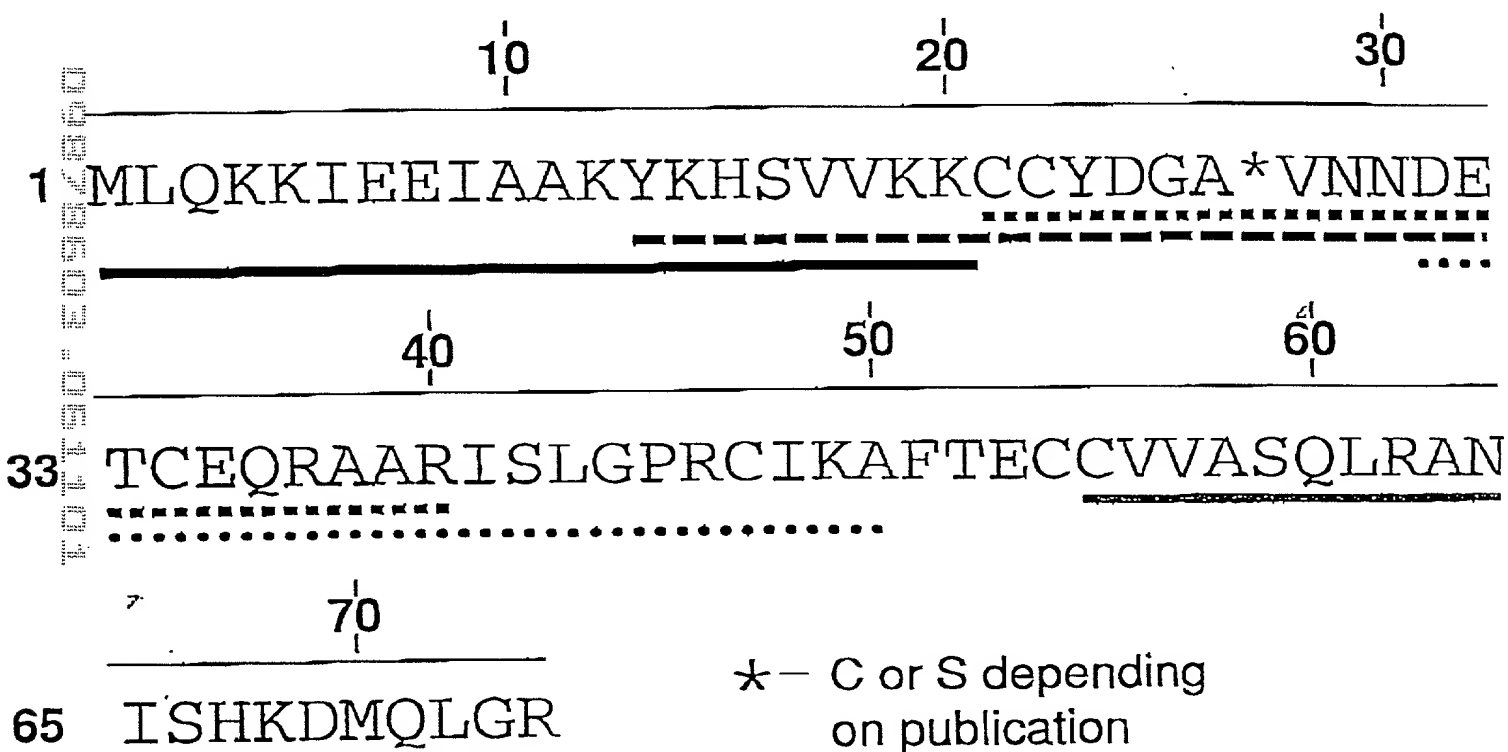


FIGURE 8

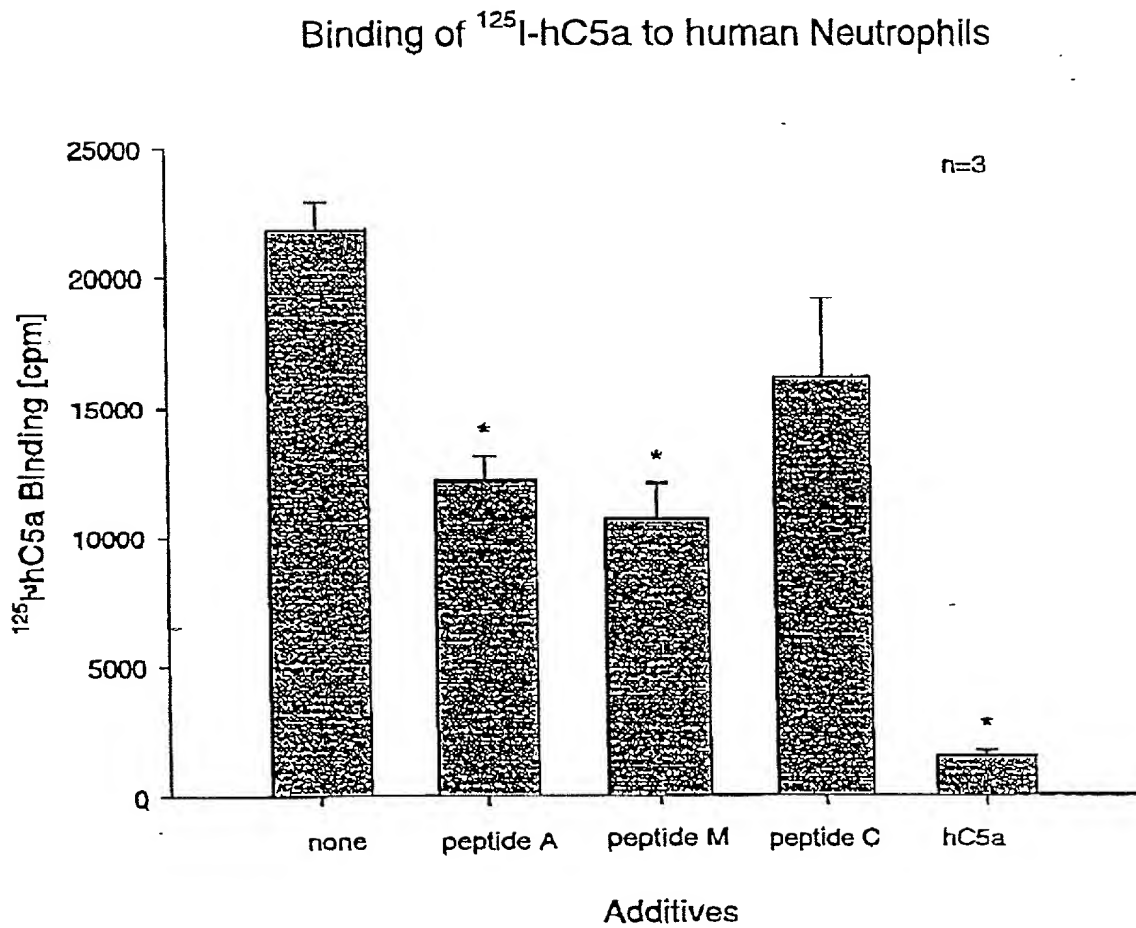
SEQUENCES SELECTED FOR HUMAN C5a



Sequences Selected:

- 1-20 (A)
- 13-32 - - - -
- 21-40 (M)
- 31-50
- 55-74 (C)

FIGURE 9



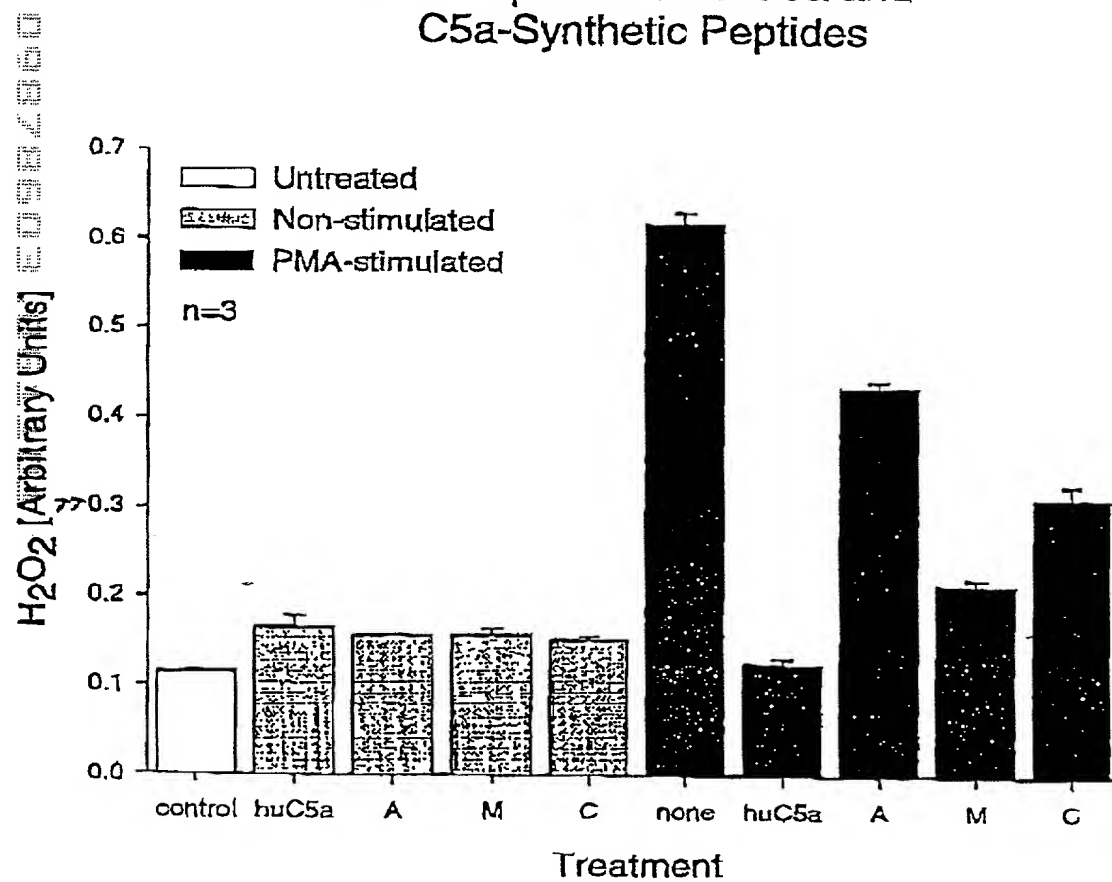
peptide A: H-MLQKKIEEIAAKYKHSVVKK-OH

peptide M: H-CCYDGASVNNDTCEQRAAR-OH

peptide C: H-CVVASQLRANISHKDMQLGR-OH

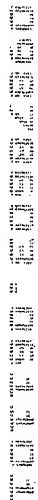
FIGURE 10

PMA-induced H_2O_2 -Responses in huPMNs
after Exposure to huC5a and
C5a-Synthetic Peptides



Parameter	Value	Unit
Age	10.5	yr
Weight	15.0	kg
Height	1.45	m
Body mass index (BMI)	14.3	kg/m ²
Heart rate (HR)	75	beats/min
Stroke volume (SV)	70	ml
Cardiac output (CO)	5.25	l/min
Mean arterial pressure (MAP)	93	mmHg
Systemic vascular resistance (SVR)	18.2	dynes/cm ⁵
Pulmonary vascular resistance (PVR)	1.5	dynes/cm ⁵
Right ventricular pressure (RVP)	25/10/5	mmHg
Left ventricular pressure (LVP)	120/80/40	mmHg
Central venous pressure (CVP)	10	mmHg
Arterial oxygen saturation (SaO ₂)	98	%
Mixed venous oxygen saturation (SvO ₂)	75	%
Lactate	2.5	mmol/L
Blood glucose	100	mg/dL
Urea nitrogen	10	mg/dL
Creatinine	1.2	mg/dL
Prothrombin time (PT)	12.5	sec
Partial thromboplastin time (PTT)	35	sec
Fibrinogen	400	mg/dL
D-dimer	0.5	µg/mL
Procalcitonin	0.1	ng/mL
ProBNP	100	pg/mL
Troponin I	0.05	ng/mL
Myoglobin	100	ng/mL
Brain natriuretic peptide (BNP)	100	pg/mL
Ultrasonography (USG)	Normal	
ECG	Normal	
Chest X-ray	Normal	
CT scan	Normal	
MRI	Normal	
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